

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080323\  
 Data File : PL084512.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Aug 2023 04:50  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 HEXANE

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 04 05:22:28 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Aug 03 16:21:43 2023  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|---------|------------|
| -----                       |                 |        |       |          |          |         |            |
| System Monitoring Compounds |                 |        |       |          |          |         |            |
| 1)                          | SA Tetrachlo... | 3.497f | 2.686 | 113.7E6  | 54600748 | 48.935  | 50.212     |
| 28)                         | SA Decachlor... | 9.046  | 7.868 | 77479420 | 62222227 | 47.618  | 49.906     |
| Target Compounds            |                 |        |       |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.914f | 3.191 | 99373    | 80526383 | 0.030   | 52.152 #   |
| 3)                          | MA gamma-BHC... | 4.289f | 3.522 | 156.0E6  | 78520822 | 48.899  | 51.674     |
| 4)                          | MA Heptachlor   | 4.881f | 3.863 | 164.1E6  | 72306796 | 48.786  | 50.772     |
| 5)                          | MB Aldrin       | 5.223f | 4.143 | 160.0E6  | 74829982 | 48.417  | 51.486     |
| 6)                          | B beta-BHC      | 4.488f | 3.824 | 58154566 | 33821108 | 41.631  | 50.478     |
| 7)                          | B delta-BHC     | 4.734f | 4.053 | 160.1E6  | 79390587 | 49.639  | 52.292     |
| 8)                          | B Heptachlo...  | 5.653f | 4.649 | 147.5E6  | 67498252 | 48.946  | 50.873     |
| 9)                          | A Endosulfan I  | 6.039f | 5.020 | 128.8E6  | 63022539 | 48.941  | 50.853     |
| 10)                         | B gamma-Chl...  | 5.910f | 4.903 | 141.7E6  | 69179759 | 49.482  | 51.008     |
| 11)                         | B alpha-Chl...  | 5.990f | 4.967 | 139.1E6  | 69252808 | 49.288  | 50.828     |
| 12)                         | B 4,4'-DDE      | 6.169f | 5.165 | 114.9E6  | 64103223 | 50.072  | 52.054     |
| 13)                         | MA Dieldrin     | 6.316f | 5.287 | 126.0E6  | 70105143 | 47.682  | 51.632     |
| 14)                         | MA Endrin       | 6.546f | 5.562 | 68631968 | 62869402 | 31.468  | 51.397 #   |
| 15)                         | B Endosulfa...  | 6.766f | 5.860 | 71689940 | 61517141 | 33.896  | 50.984 #   |
| 16)                         | A 4,4'-DDD      | 6.688f | 5.723 | 87299943 | 54671918 | 52.070  | 52.913     |
| 17)                         | MA 4,4'-DDT     | 7.003f | 5.975 | 91352594 | 58863269 | 48.755  | 50.720     |
| 18)                         | B Endrin al...  | 6.897f | 6.041 | 82208668 | 49596307 | 48.732  | 50.009     |
| 19)                         | B Endosulfa...  | 7.133f | 6.267 | 95790441 | 60478074 | 47.951  | 50.857     |
| 20)                         | A Methoxychlor  | 7.485f | 6.560 | 34037353 | 33648810 | 35.467  | 49.044 #   |
| 21)                         | B Endrin ke...  | 7.617f | 6.771 | 93362057 | 74793787 | 46.671  | 51.839     |
| 22)                         | Mirex           | 8.092f | 6.952 | 55879254 | 57367683 | 33.645  | 49.743 #   |
| 24)                         | Chlordane-2     | 0.000  | 4.282 | 0        | 73691    | N.D.    | 1.471 #    |
| 25)                         | Chlordane-3     | 5.910f | 4.903 | 141.7E6  | 69179759 | 351.310 | 499.394 #  |
| 26)                         | Chlordane-4     | 5.990f | 4.967 | 139.1E6  | 69252808 | 287.269 | 482.508 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.860 | 0        | 61517141 | N.D.    | 1207.853 # |
| -----                       |                 |        |       |          |          |         |            |

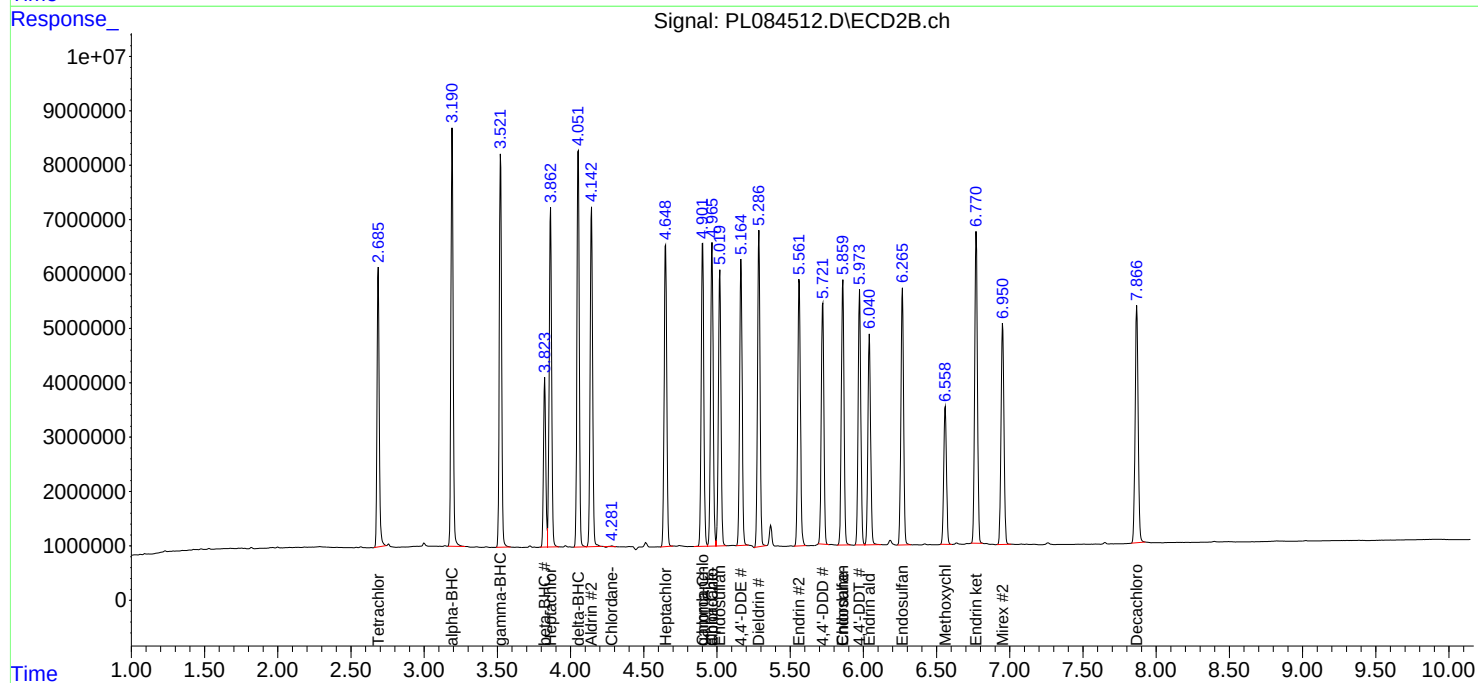
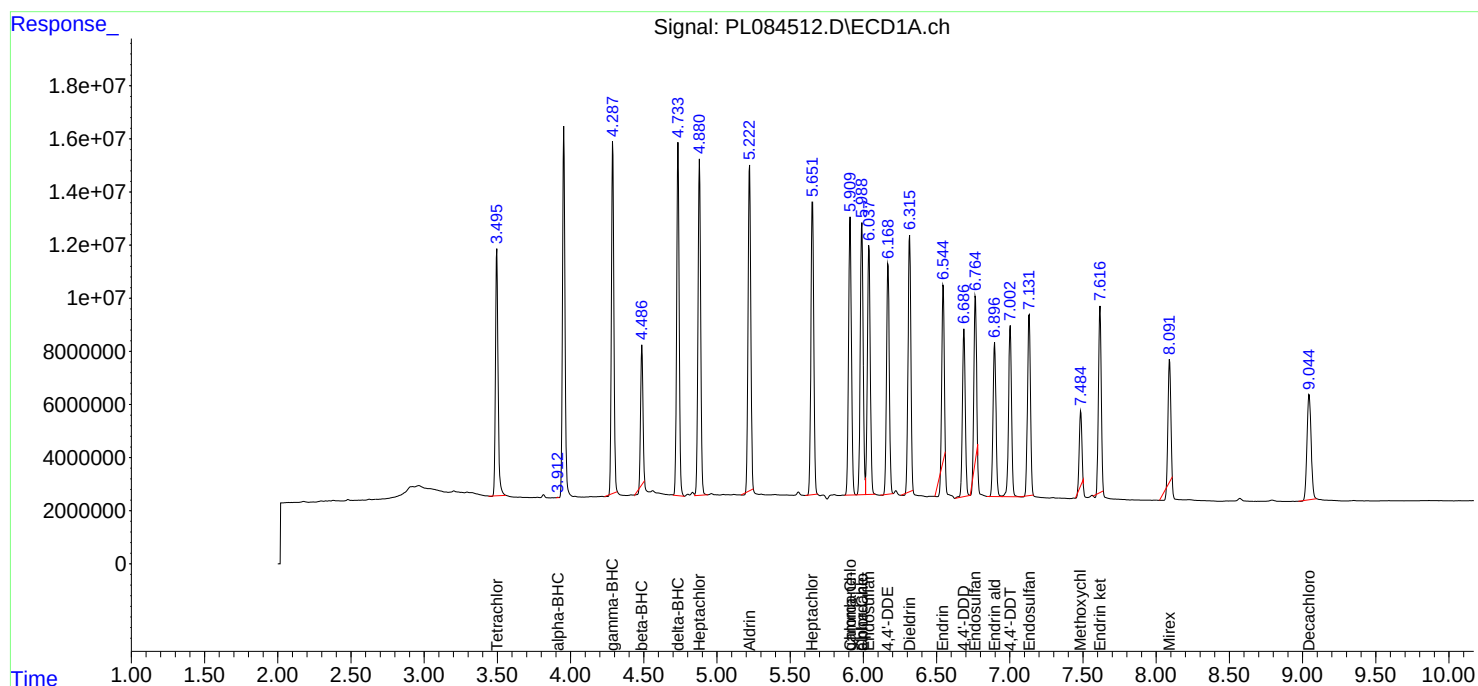
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

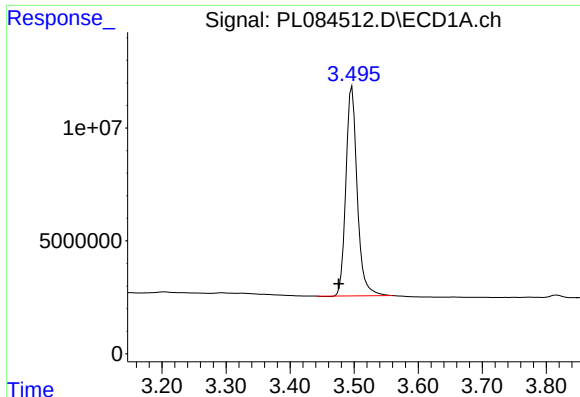
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080323\  
Data File : PL084512.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Aug 2023 04:50  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 04 05:22:28 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080323.M  
Quant Title : GC Extractables  
QLast Update : Thu Aug 03 16:21:43 2023  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

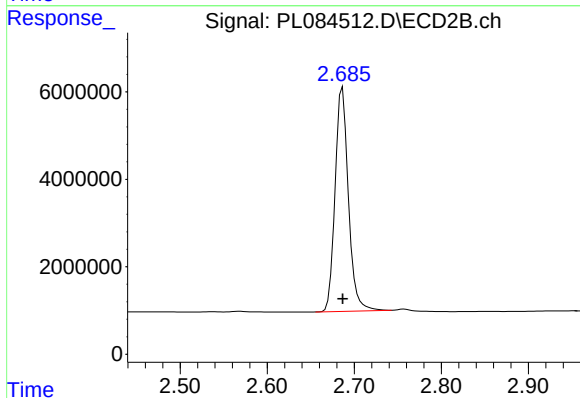




#1 Tetrachloro-m-xylene

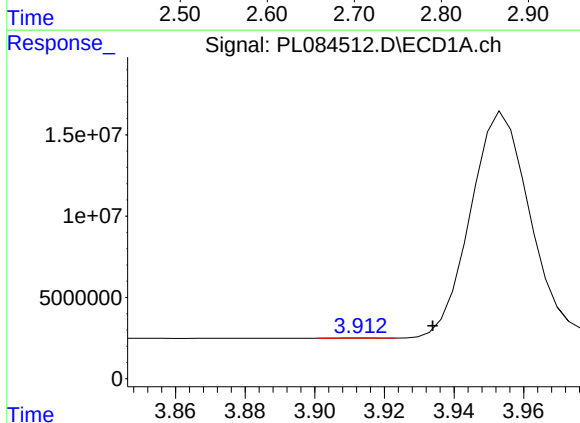
R.T.: 3.497 min  
Delta R.T.: 0.021 min  
Response: 113699479  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



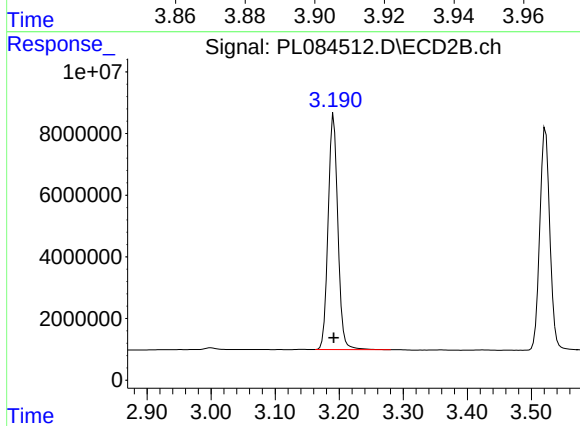
#1 Tetrachloro-m-xylene

R.T.: 2.686 min  
Delta R.T.: 0.000 min  
Response: 54600748  
Conc: 50.21 ng/ml



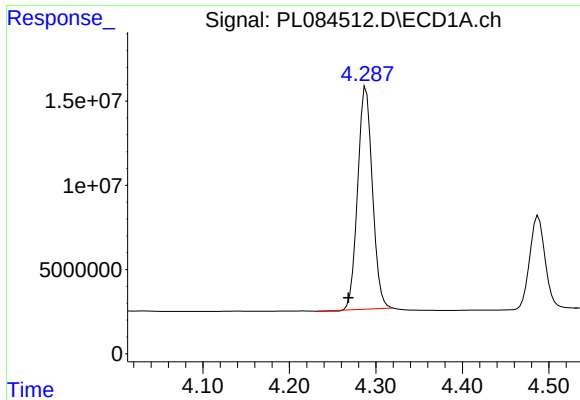
#2 alpha-BHC

R.T.: 3.914 min  
Delta R.T.: -0.020 min  
Response: 99373  
Conc: 0.03 ng/ml



#2 alpha-BHC

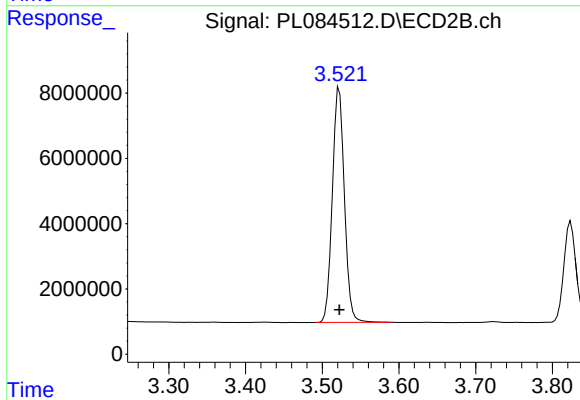
R.T.: 3.191 min  
Delta R.T.: 0.000 min  
Response: 80526383  
Conc: 52.15 ng/ml



#3 gamma-BHC (Lindane)

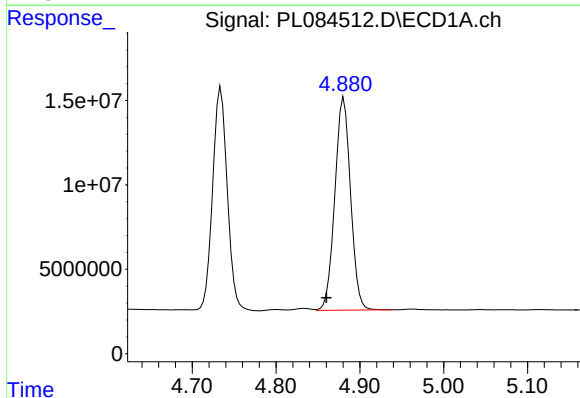
R.T.: 4.289 min  
Delta R.T.: 0.020 min  
Response: 155988534  
Conc: 48.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



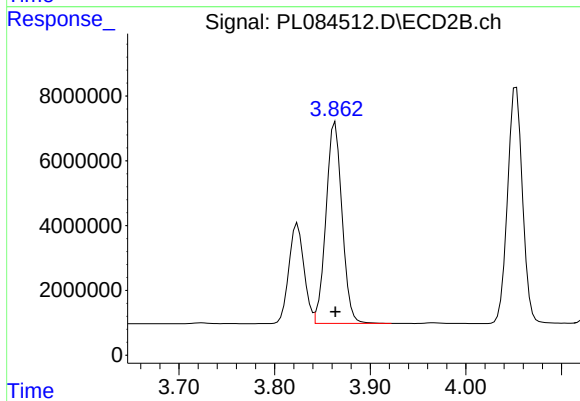
#3 gamma-BHC (Lindane)

R.T.: 3.522 min  
Delta R.T.: 0.000 min  
Response: 78520822  
Conc: 51.67 ng/ml



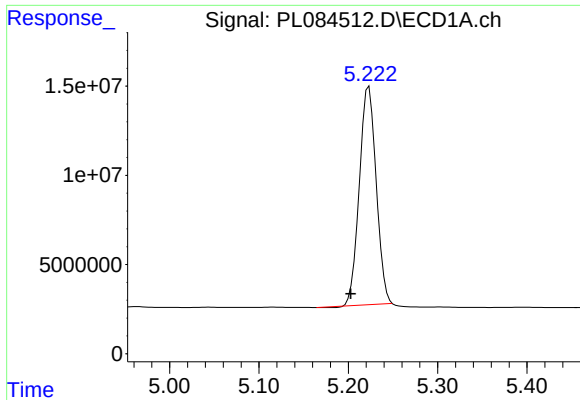
#4 Heptachlor

R.T.: 4.881 min  
Delta R.T.: 0.021 min  
Response: 164059348  
Conc: 48.79 ng/ml



#4 Heptachlor

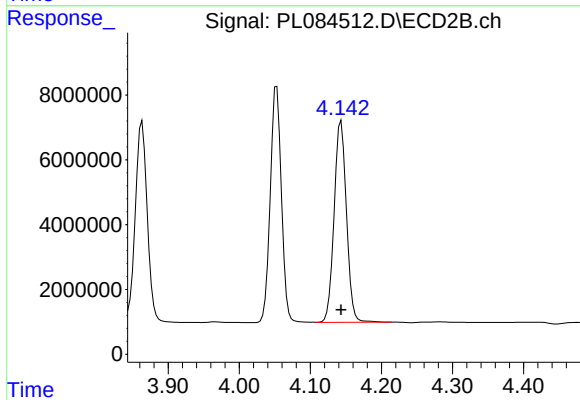
R.T.: 3.863 min  
Delta R.T.: 0.000 min  
Response: 72306796  
Conc: 50.77 ng/ml



#5 Aldrin

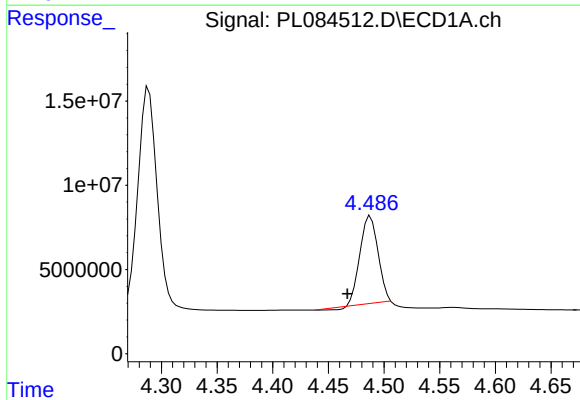
R.T.: 5.223 min  
Delta R.T.: 0.020 min  
Response: 160034864  
Conc: 48.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



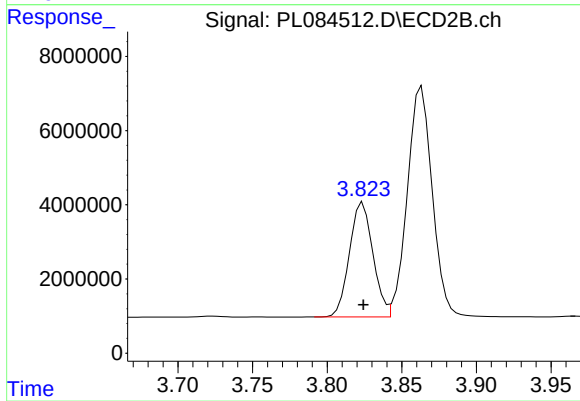
#5 Aldrin

R.T.: 4.143 min  
Delta R.T.: 0.000 min  
Response: 74829982  
Conc: 51.49 ng/ml



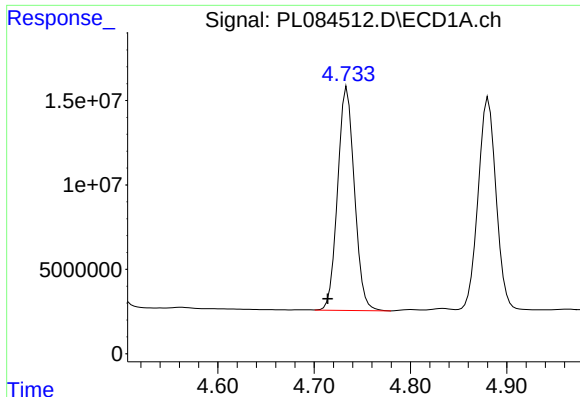
#6 beta-BHC

R.T.: 4.488 min  
Delta R.T.: 0.021 min  
Response: 58154566  
Conc: 41.63 ng/ml



#6 beta-BHC

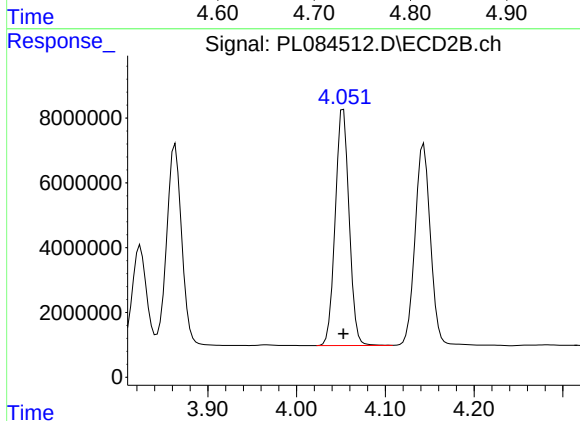
R.T.: 3.824 min  
Delta R.T.: 0.000 min  
Response: 33821108  
Conc: 50.48 ng/ml



#7 delta-BHC

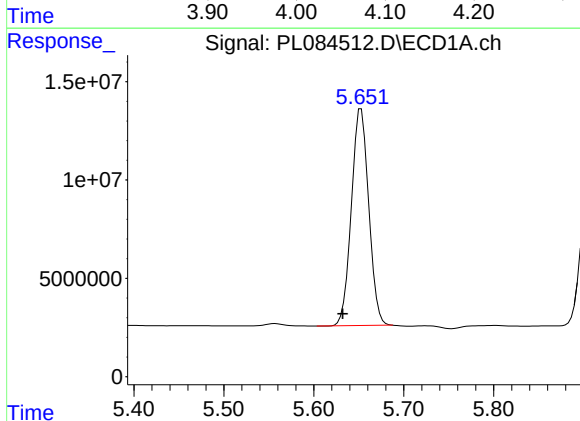
R.T.: 4.734 min  
Delta R.T.: 0.020 min  
Response: 160072476  
Conc: 49.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



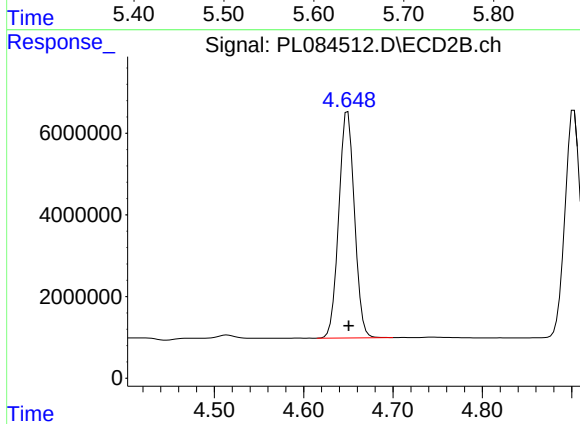
#7 delta-BHC

R.T.: 4.053 min  
Delta R.T.: 0.000 min  
Response: 79390587  
Conc: 52.29 ng/ml



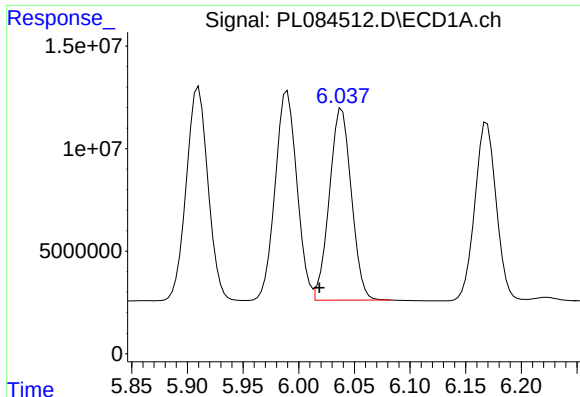
#8 Heptachlor epoxide

R.T.: 5.653 min  
Delta R.T.: 0.021 min  
Response: 147459977  
Conc: 48.95 ng/ml



#8 Heptachlor epoxide

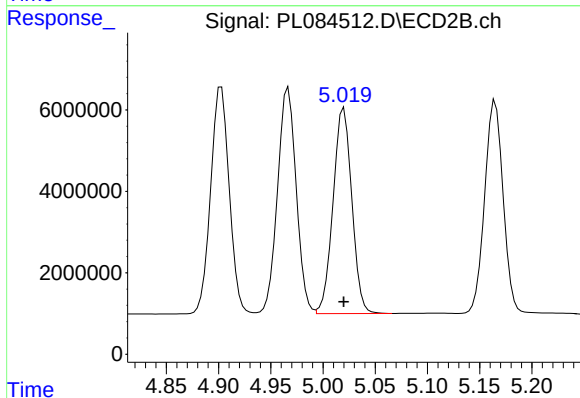
R.T.: 4.649 min  
Delta R.T.: -0.001 min  
Response: 67498252  
Conc: 50.87 ng/ml



#9 Endosulfan I

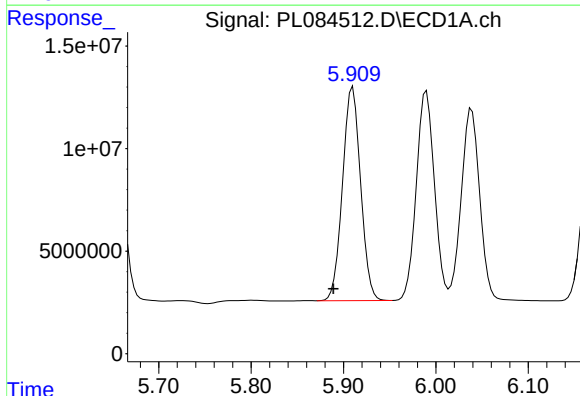
R.T.: 6.039 min  
Delta R.T.: 0.020 min  
Response: 128826156  
Conc: 48.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



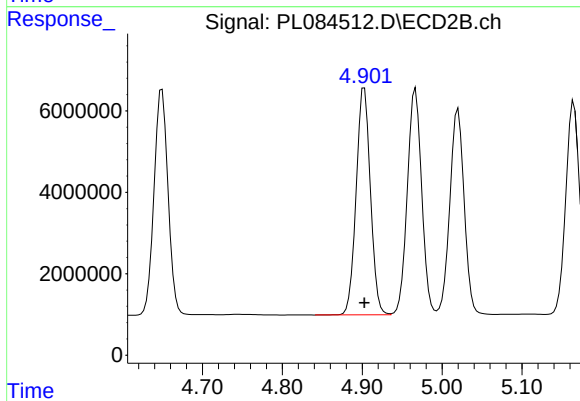
#9 Endosulfan I

R.T.: 5.020 min  
Delta R.T.: 0.000 min  
Response: 63022539  
Conc: 50.85 ng/ml



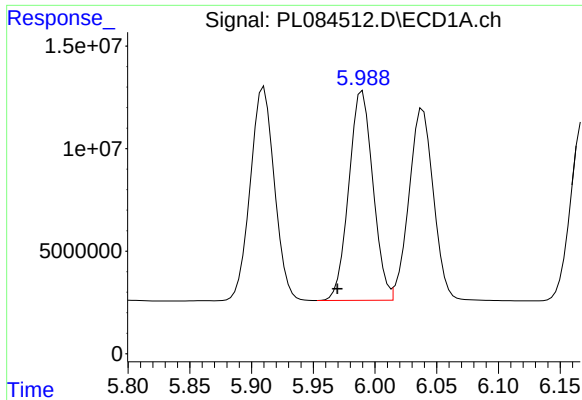
#10 gamma-Chlordane

R.T.: 5.910 min  
Delta R.T.: 0.021 min  
Response: 141697140  
Conc: 49.48 ng/ml



#10 gamma-Chlordane

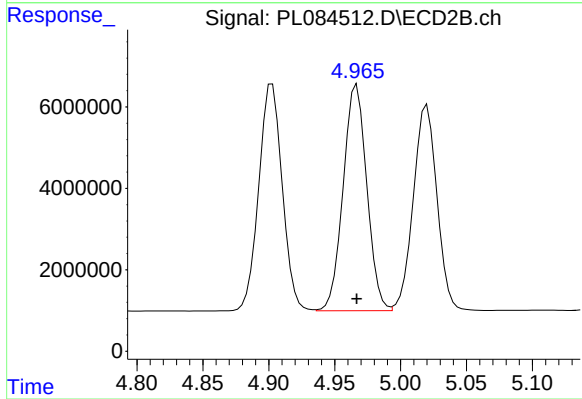
R.T.: 4.903 min  
Delta R.T.: 0.000 min  
Response: 69179759  
Conc: 51.01 ng/ml



#11 alpha-Chlordane

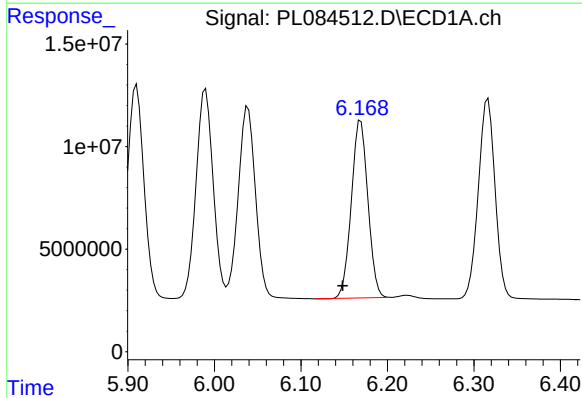
R.T.: 5.990 min  
Delta R.T.: 0.020 min  
Response: 139148583  
Conc: 49.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



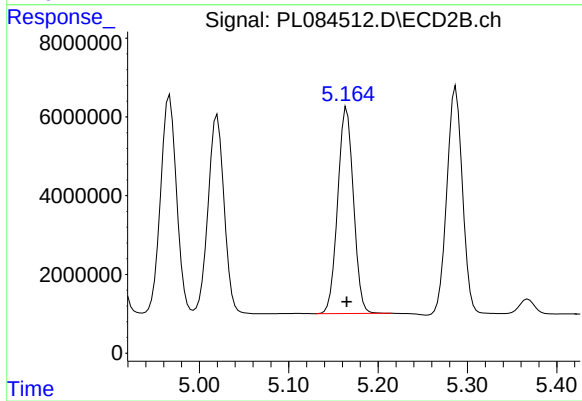
#11 alpha-Chlordane

R.T.: 4.967 min  
Delta R.T.: 0.000 min  
Response: 69252808  
Conc: 50.83 ng/ml



#12 4,4'-DDE

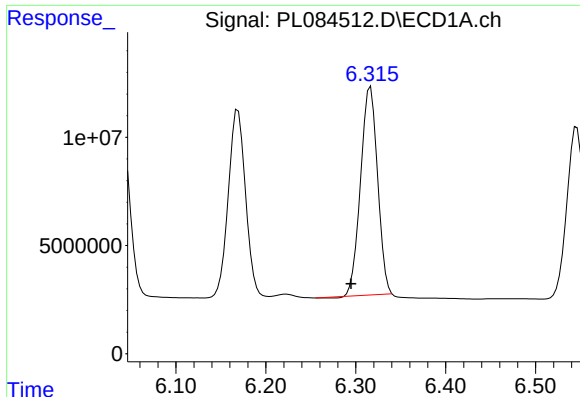
R.T.: 6.169 min  
Delta R.T.: 0.021 min  
Response: 114928778  
Conc: 50.07 ng/ml



#12 4,4'-DDE

R.T.: 5.165 min  
Delta R.T.: 0.000 min  
Response: 64103223  
Conc: 52.05 ng/ml

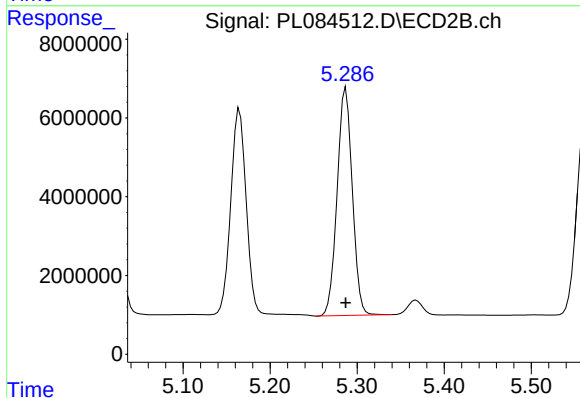




#13 Dieldrin

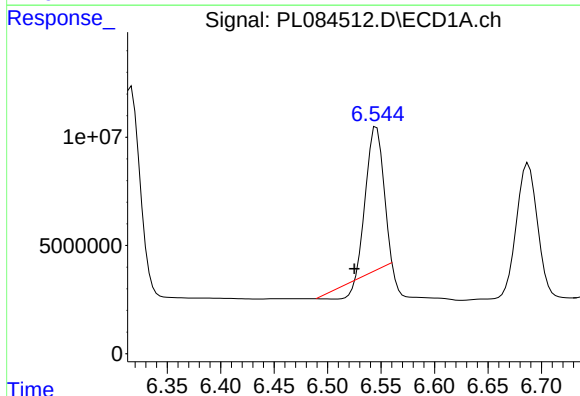
R.T.: 6.316 min  
Delta R.T.: 0.021 min  
Response: 126004967  
Conc: 47.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



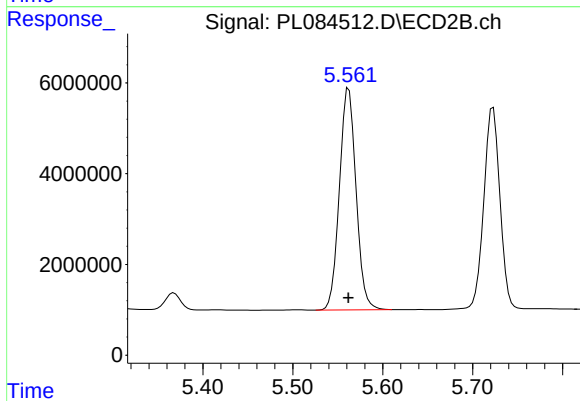
#13 Dieldrin

R.T.: 5.287 min  
Delta R.T.: 0.000 min  
Response: 70105143  
Conc: 51.63 ng/ml



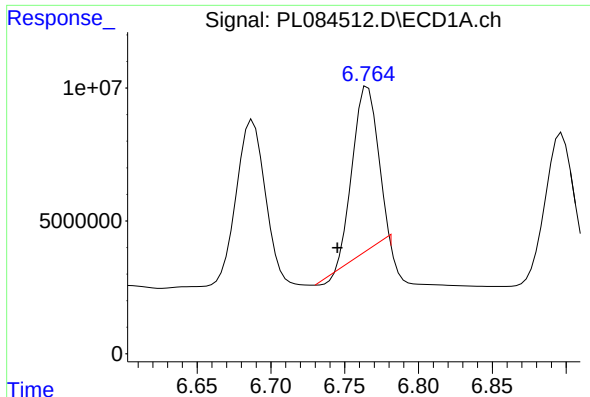
#14 Endrin

R.T.: 6.546 min  
Delta R.T.: 0.021 min  
Response: 68631968  
Conc: 31.47 ng/ml



#14 Endrin

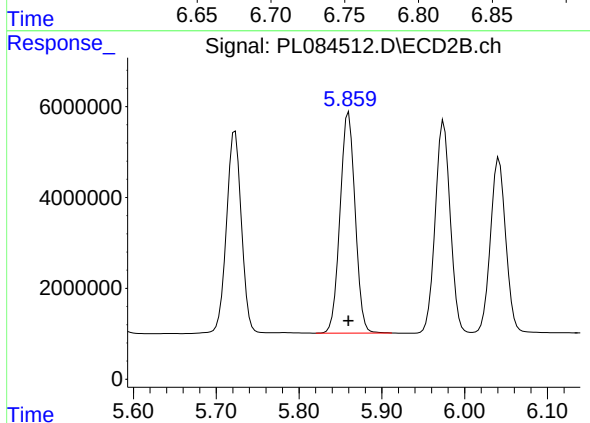
R.T.: 5.562 min  
Delta R.T.: 0.000 min  
Response: 62869402  
Conc: 51.40 ng/ml



#15 Endosulfan II

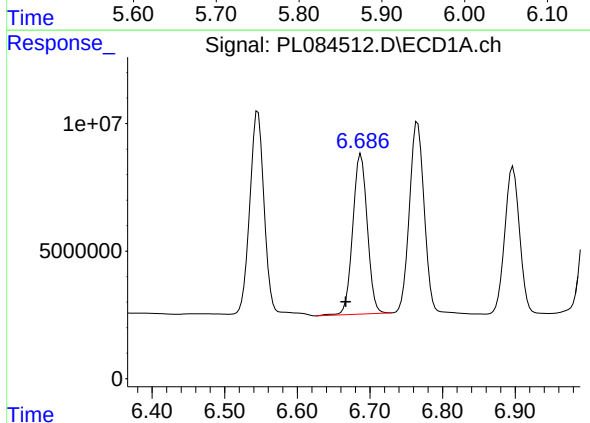
R.T.: 6.766 min  
Delta R.T.: 0.020 min  
Response: 71689940  
Conc: 33.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



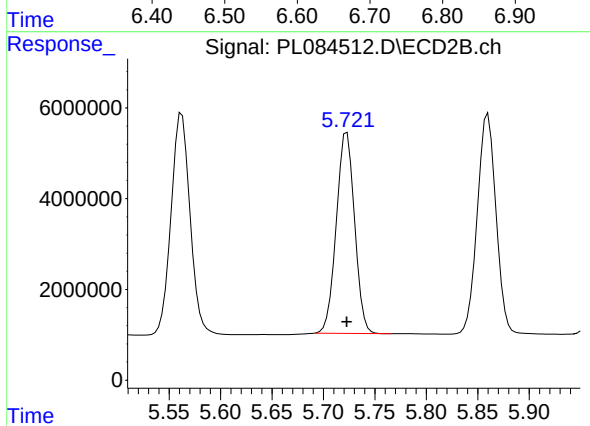
#15 Endosulfan II

R.T.: 5.860 min  
Delta R.T.: 0.000 min  
Response: 61517141  
Conc: 50.98 ng/ml



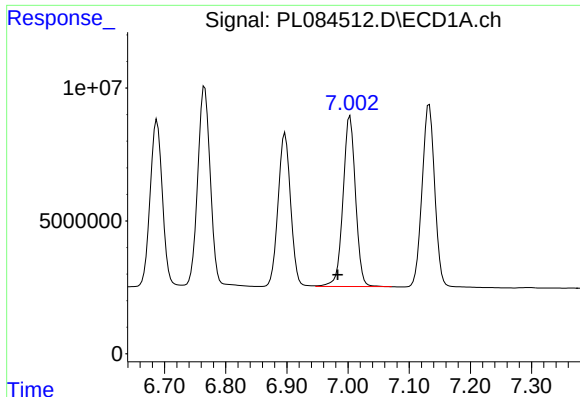
#16 4,4'-DDD

R.T.: 6.688 min  
Delta R.T.: 0.021 min  
Response: 87299943  
Conc: 52.07 ng/ml



#16 4,4'-DDD

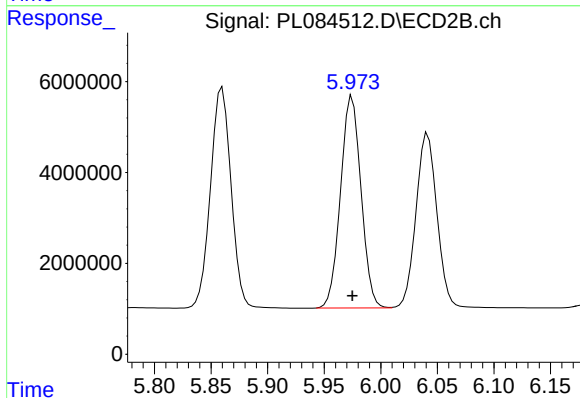
R.T.: 5.723 min  
Delta R.T.: 0.000 min  
Response: 54671918  
Conc: 52.91 ng/ml



#17 4,4'-DDT

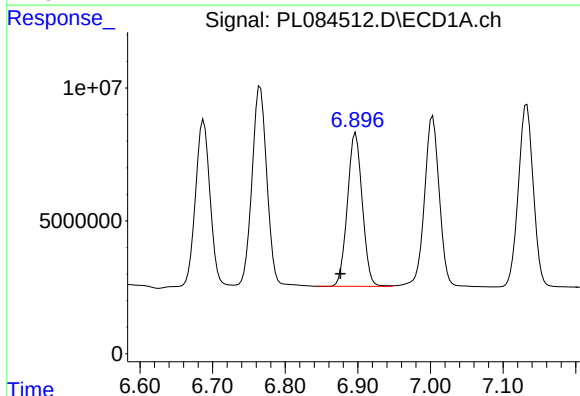
R.T.: 7.003 min  
Delta R.T.: 0.020 min  
Response: 91352594  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



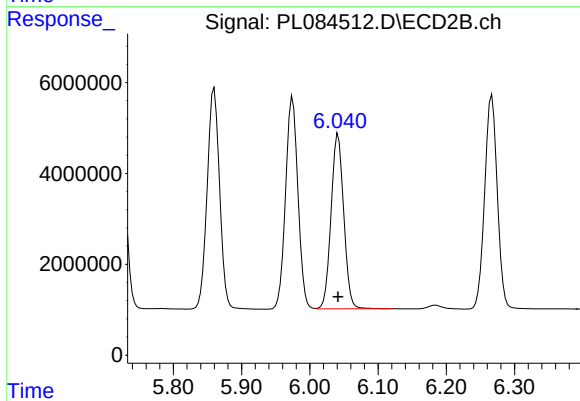
#17 4,4'-DDT

R.T.: 5.975 min  
Delta R.T.: 0.000 min  
Response: 58863269  
Conc: 50.72 ng/ml



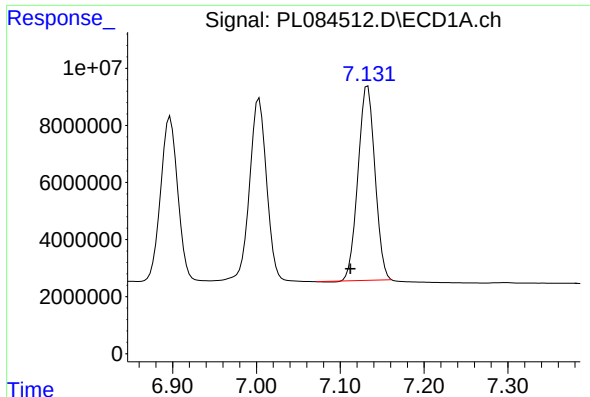
#18 Endrin aldehyde

R.T.: 6.897 min  
Delta R.T.: 0.021 min  
Response: 82208668  
Conc: 48.73 ng/ml



#18 Endrin aldehyde

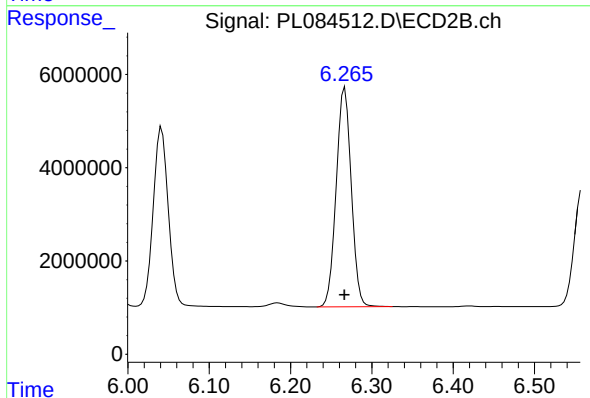
R.T.: 6.041 min  
Delta R.T.: 0.000 min  
Response: 49596307  
Conc: 50.01 ng/ml



#19 Endosulfan Sulfate

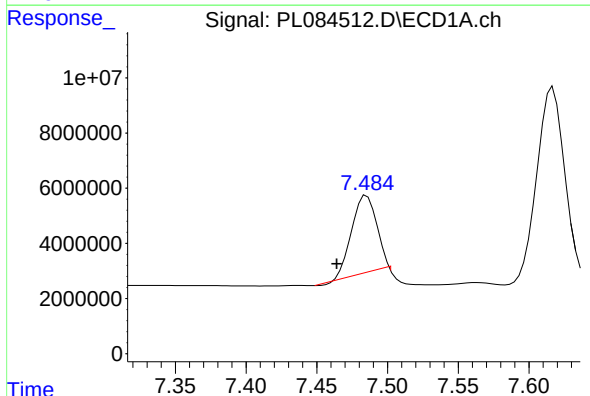
R.T.: 7.133 min  
Delta R.T.: 0.020 min  
Response: 95790441  
Conc: 47.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



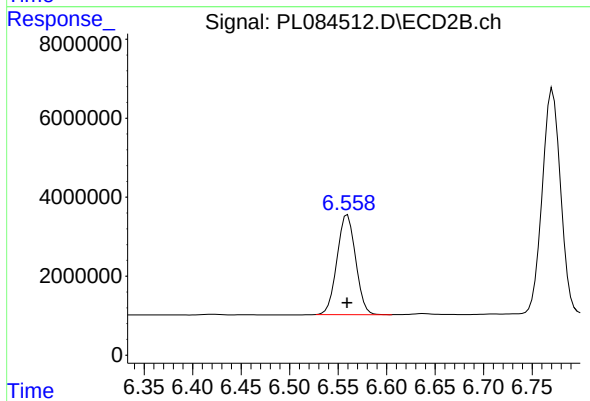
#19 Endosulfan Sulfate

R.T.: 6.267 min  
Delta R.T.: 0.000 min  
Response: 60478074  
Conc: 50.86 ng/ml



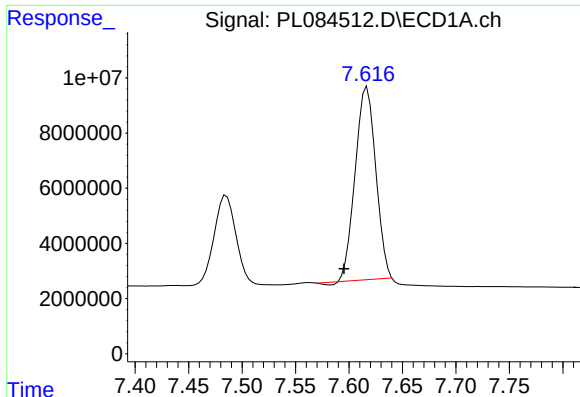
#20 Methoxychlor

R.T.: 7.485 min  
Delta R.T.: 0.021 min  
Response: 34037353  
Conc: 35.47 ng/ml



#20 Methoxychlor

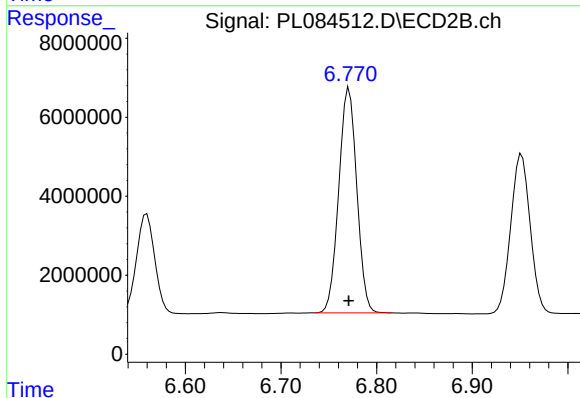
R.T.: 6.560 min  
Delta R.T.: 0.000 min  
Response: 33648810  
Conc: 49.04 ng/ml



#21 Endrin ketone

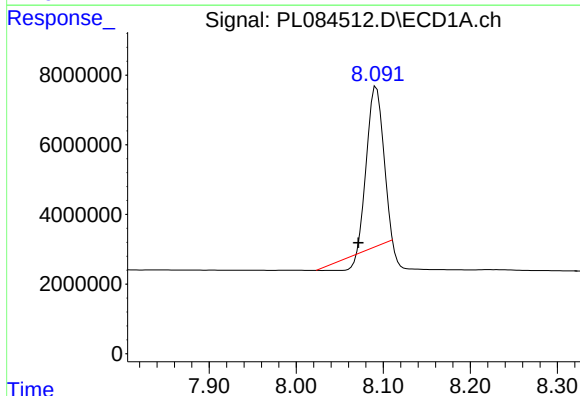
R.T.: 7.617 min  
Delta R.T.: 0.022 min  
Response: 93362057  
Conc: 46.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



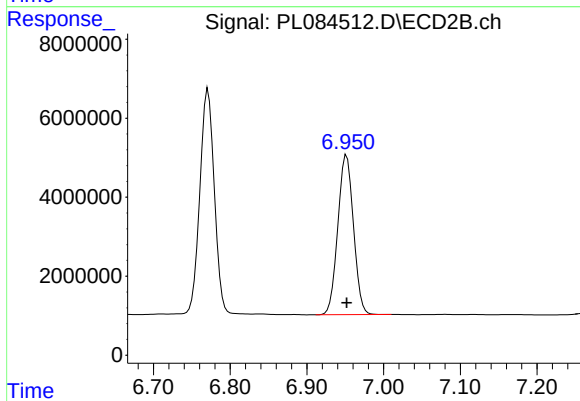
#21 Endrin ketone

R.T.: 6.771 min  
Delta R.T.: 0.000 min  
Response: 74793787  
Conc: 51.84 ng/ml



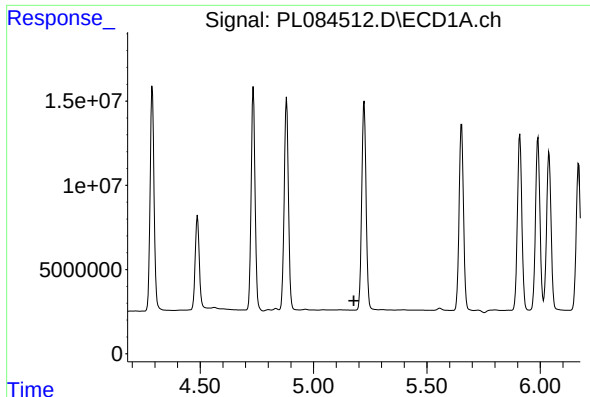
#22 Mirex

R.T.: 8.092 min  
Delta R.T.: 0.021 min  
Response: 55879254  
Conc: 33.65 ng/ml



#22 Mirex

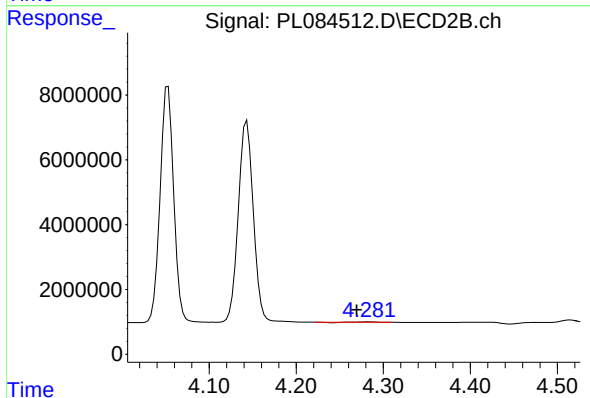
R.T.: 6.952 min  
Delta R.T.: 0.000 min  
Response: 57367683  
Conc: 49.74 ng/ml



#24 Chlordane-2

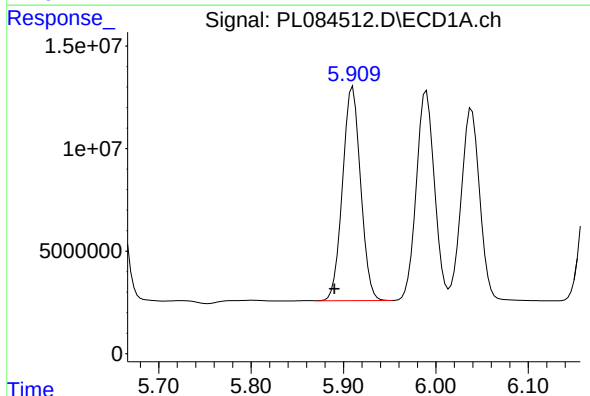
R.T.: 0.000 min  
Exp R.T.: 5.177 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



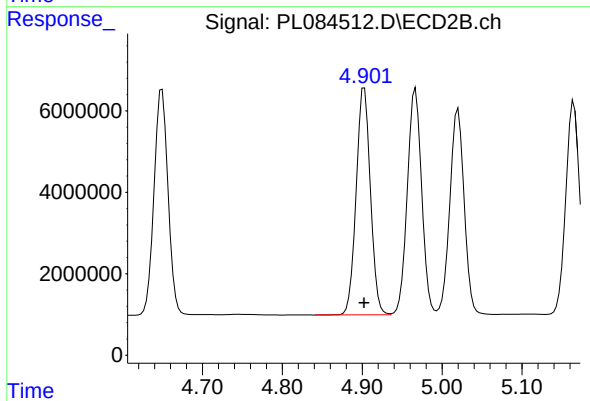
#24 Chlordane-2

R.T.: 4.282 min  
Delta R.T.: 0.012 min  
Response: 73691  
Conc: 1.47 ng/ml



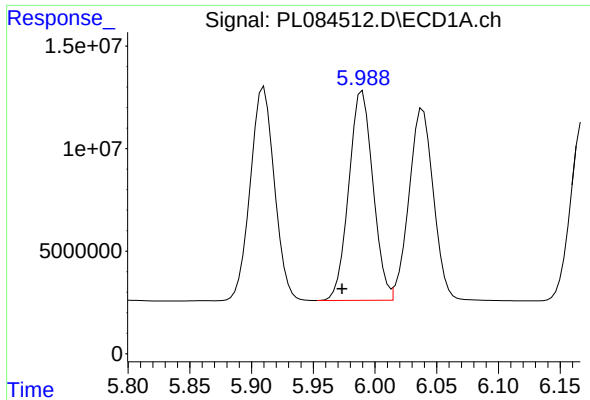
#25 Chlordane-3

R.T.: 5.910 min  
Delta R.T.: 0.020 min  
Response: 141697140  
Conc: 351.31 ng/ml



#25 Chlordane-3

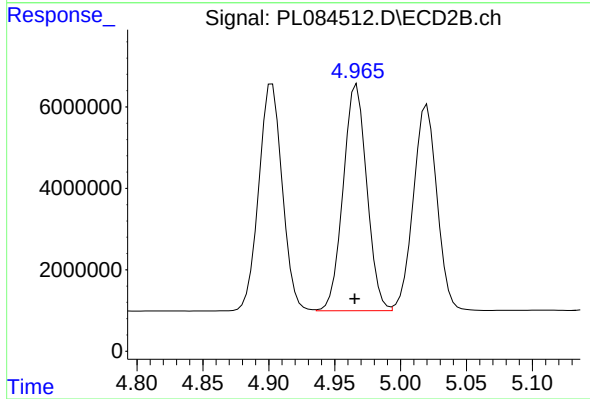
R.T.: 4.903 min  
Delta R.T.: 0.000 min  
Response: 69179759  
Conc: 499.39 ng/ml



#26 Chlordane-4

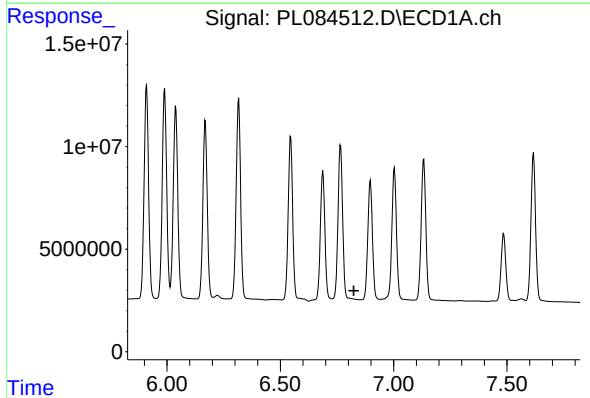
R.T.: 5.990 min  
Delta R.T.: 0.016 min  
Response: 139148583  
Conc: 287.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



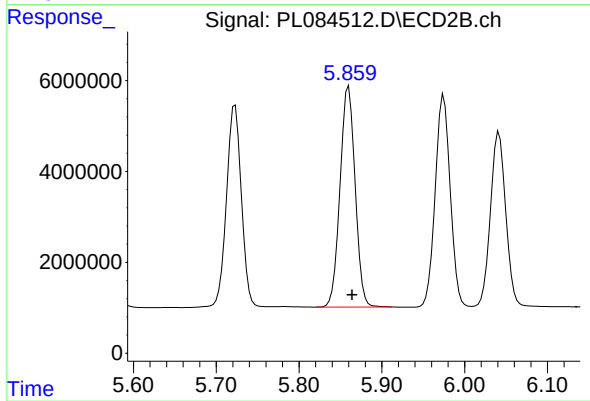
#26 Chlordane-4

R.T.: 4.967 min  
Delta R.T.: 0.002 min  
Response: 69252808  
Conc: 482.51 ng/ml



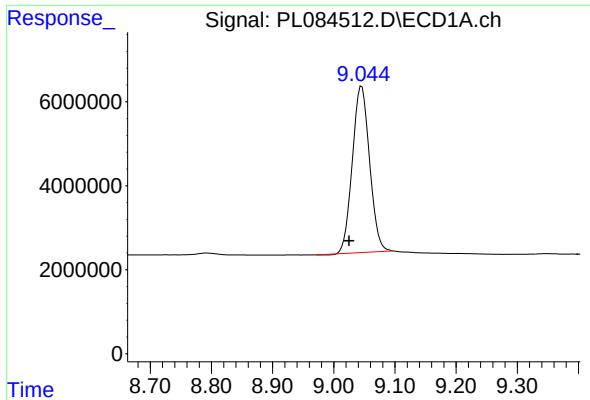
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.824 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

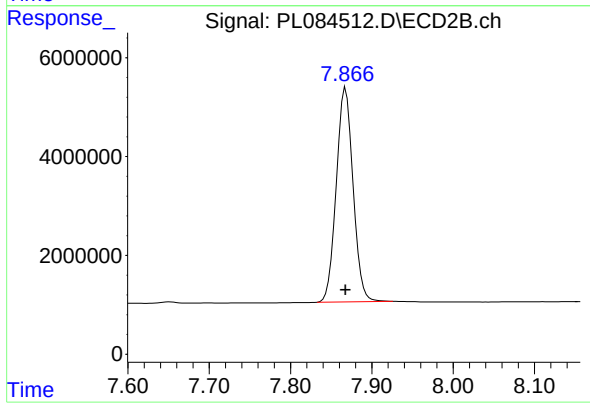
R.T.: 5.860 min  
Delta R.T.: -0.004 min  
Response: 61517141  
Conc: 1207.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.046 min  
Delta R.T.: 0.021 min  
Response: 77479420  
Conc: 47.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
HEXANE



#28 Decachlorobiphenyl

R.T.: 7.868 min  
Delta R.T.: 0.000 min  
Response: 62222227  
Conc: 49.91 ng/ml